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(71) Applicant (for all designated States except US): **3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).**

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PURKINS, Graham R. [GB/GB]; Morley Street, Loughborough Leicestershire LE11 1EP (GB). MAHON, Gary D. [GB/GB]; Morley**

Street, Loughborough Leicestershire LE11 1EP (GB). **KLEIN, Heinz, Guenter [DE/DE]; Carl-Schurz-Strasse 1, 41453 Neuss (DE).**

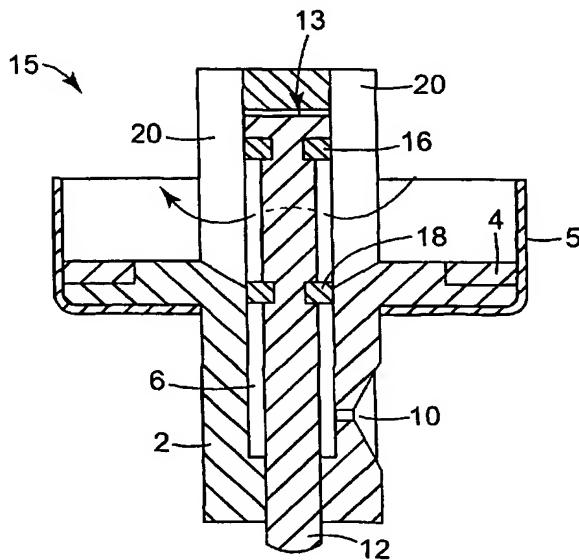
(74) Agents: **RINGSRED, Ted K. et al.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).**

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(54) Title: **TWO COMPONENT MOLDED VALVE STEMS**



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(57) Abstract: A valve stem for use with a metering valve, said valve stem comprising an elongate stem element and a sealing element arranged onto the elongate stem element, wherein the sealing element is co-molded with at least a portion of the elongate stem element and the elongate stem element is made of a material comprising a polymer selected from the group consisting of polyaryletherketones, thermotropic liquid crystalline polymers, polymethylpentene, polyphenylene sulfide and mixtures thereof; as well as methods of manufacturing such a valve stem.



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